

12. ³ The method of claim ~~3~~¹ wherein said pathogenic *Mycoplasma* bacteria is a member of the genus *Mycoplasma*.

13. The method of claim 12 wherein said bacteria is selected from the group consisting of: *Mycoplasma hominis* and *Mycoplasma fermentans*.

14. The method of claim 12 wherein said bacteria is selected from the group consisting of: *Mycoplasma pneumoniae*, *Mycoplasma genitalium*, and *Mycoplasma penetrans*.

15. ³ The method of claim ~~3~~¹ wherein said bacteria is a member of the genus *Ureaplasma*.

16. ³ The method of claim 15 wherein said bacteria is *Ureaplasma urealyticum*.

17. ²³ The method according to claim ~~3~~¹ wherein the gemifloxacin compound is gemifloxacin or a pharmaceutically acceptable salt thereof.

18. ²⁴ The method according to claim ~~17~~²³ wherein the gemifloxacin compound is gemifloxacin mesylate or a hydrate thereof.

19. ²⁵ The method according to claim ~~18~~²⁴ wherein the gemifloxacin compound is gemifloxacin mesylate sesquihydrate.

20. ¹² The method according to claim ~~12~~³ wherein the gemifloxacin compound is gemifloxacin or a pharmaceutically acceptable salt thereof.

21. ¹³ The method according to claim ~~20~~¹² wherein the gemifloxacin compound is gemifloxacin mesylate or a hydrate thereof.

22. ¹⁴ The method according to claim ~~21~~¹³ wherein the gemifloxacin compound is gemifloxacin mesylate sesquihydrate.

23. ⁵ The method according to claim ~~13~~⁴ wherein the gemifloxacin compound is gemifloxacin or a pharmaceutically acceptable salt thereof.

24. ⁶ The method according to claim ~~23~~⁵ wherein the gemifloxacin compound is gemifloxacin mesylate or a hydrate thereof.

25. ⁷ The method according to claim ~~24~~⁶ wherein the gemifloxacin compound is gemifloxacin mesylate sesquihydrate.

26. ⁹ The method according to claim ~~14~~⁸ wherein the gemifloxacin compound is gemifloxacin or a pharmaceutically acceptable salt thereof.

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